

CLAIMS

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1. A pointing device comprising:
 - a base part;
 - an operating part supported, on said base part in a rockable manner about a fulcrum;
 - a magnet carried on one of said base part and said operating part;
 - a magneto-electro transducer carried on the other of said base part and said operating part; and
 - an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part, said elastic member being formed as a plate spring provided with a first section engageable with said base part and a second section engageable with said operating part, said second section being integrally joined to said first section and located to extend around said fulcrum.
2. A pointing device as set forth in claim 1, wherein said first section of said plate spring extends annularly around said fulcrum and is fixedly supported on said base part, and wherein said second section extends arcuately along said first section to exert a spring action.
3. A pointing device as set forth in claim 2, wherein said second section of said plate spring includes a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position remote from said distal free end, and has a length between said distal end and said proximal end for exerting a spring action.
4. A pointing device as set forth in claim 2, wherein said second section of said plate spring includes a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position close to said distal free end, and has a generally U-shaped length between said distal end and

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said proximal end for exerting a spring action.

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5. A pointing device as set forth in any one of claims 1 to 4, further comprising a yoke forming a magnetic path, said yoke being arranged in said operating part to at least partially cover said magnet.

6. A pointing device as set forth in claim 5, wherein said magnet is carried on said operating part, and wherein said yoke is arranged adjacent to said magnet on a side remote from said magneto-electro transducer carried on said base part.

7. A pointing device comprising:

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a base part;
an operating part supported on said base part in a rockable manner about a fulcrum;
a magnet carried on one of said base part and said operating part;
a magneto-electro transducer carried on the other of said base part and said operating part;
an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part; and
a yoke forming a magnetic path, said yoke being arranged in said operating part to at least partially cover said magnet.

8. A pointing device comprising:

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a base part;
an operating part supported on said base part in a rockable manner about a fulcrum;
a magnet carried on one of said base part and said operating part;
a magneto-electro transducer carried on the other of said base part and said operating part;
an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part; and

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a connector part arranged adjacent to said base part and said operating part, said connector part being detachably connectable to a data processor and serving to support said base part and said operating part when said connector part is connected to the data processor.

9. A pointing device comprising:

an operating part;

a detecting part for detecting a movement of said operating part;

a connector part arranged adjacent to said operating part and said detecting part, said connector part being detachably connectable to a data processor and serving to support said operating part and said detecting part when said connector part is connected to the data processor.

10. A pointing device as set forth in claim 9, further comprising a housing for accommodating said operating part and said detecting part, said connecting part being rotatably coupled to said housing.

11. A pointing device as set forth in claim 10, wherein said housing includes an engaging section engageable with a housing body of the data processor.

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